

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A wireless communication method for performing wireless communication between a calling side and a called side, the wireless communication method using a wide-area wireless communication system capable of wireless calling, and a non-calling wireless communication system capable of data communication, the wireless communication method comprising:

a calling-sending step of sending a call to the called side by the calling side;

a calling step of using the wide-area wireless communication system to call receiving means in a wireless communication terminal of the called side;

a calling detecting step of detecting, by the wireless communication terminal, calling from the wide-area wireless communication system;

a calling notifying step of notifying, by the receiving means in the wireless communication terminal, wireless-communication-controlling wireless communication means that the receiving means has been called;

a connecting step of connecting to the wireless communication system by the wireless communication means;

a communication step of performing wireless communication between the calling side and the called side; and

a disconnecting step of disconnecting connection to the wide-area wireless communication system by at least one of the calling side and the called side.

2. (Currently amended) The wireless communication method according to claim 1 or claim 14, wherein, in the communication step, a speech conversation is performed.

3. (Currently amended) A wireless communication system capable of data communication, comprising:

a calling terminal for a calling side to perform communication;

a network to which said calling terminal is connected;

a wireless communication base station and a wide-area wireless communication base station which are connected to said network; and

a wireless communication terminal for a called side to perform communication, wherein the wireless communication terminal is a non-calling wireless communication terminal and simultaneously comprises:

receiving means for receiving a call from said wide-area wireless communication base station; and

communication means for performing data communication with said wireless communication base station.

4. (Original) The wireless communication system according to claim 3, wherein, in a configuration in which said calling terminal is capable of communicating audio information on said network, said wireless communication terminal comprises:

audio input/output means for inputting and outputting audio; and

audio conversion means for performing mutual conversion between audio information and data information.

5. (Original) The wireless communication system according to claim 3 or 4 wherein: said wide-area wireless communication base station is a pager base station, and the wireless terminal includes receiving means corresponding to said pager base station; and said wireless communication system is a wireless LAN, WAN, PAN, or ITS (Intelligent Transport System) system.

6. (Canceled)

7. (Currently amended) A wide-area wireless communication base station for a wide-area wireless communication system in which a calling side is capable of calling a called side, the base station comprising a plurality of means:

network connecting means for connecting to a network which is not for the wide area wireless communication;

calling-request receiving means for receiving a calling request using an identification number on the network for a non-calling wireless communication terminal of the called side;

intersystem identification-number converting means for converting an identification number on the network to an identification number in the wide-area wireless communication system; and

calling means for calling the wireless communication terminal by using an identification number in the wide-area wireless communication system.

8. (Original) The wide-area wireless communication base station according to claim 7, wherein the wide-area wireless communication system is a pager system.

9. (Currently amended) A wireless communication terminal capable of communicating with both a wide-area wireless communication system capable of wireless calling, and a non-calling wireless communication system capable of data communication, the wireless communication terminal comprising:

receiving means for receiving a wireless call in the wide-area wireless communication system;

calling-information recognizing means for recognizing information concerning a calling side and calling details, the information being included in the wireless call; and

wireless communication means for performing wireless communication in the wireless communication system when said calling-information recognizing means requests wireless communication to start.

10. (Original) The wireless communication terminal according to claim 9, further comprising wireless-communication-means activating means wherein, in a configuration in which said wireless communication means in the wireless communication terminal is normally in an inactivated state, when the calling-information means requests wireless communication to

start, said wireless-communication-means activating means changes said wireless communication means to be activated.

11. (Original) The wireless communication terminal according to claim 9 or 10, further comprising:

audio/data conversion means for converting data received by said wireless communication means into audio, and converting audio of the calling side into data; and

audio input/output means for outputting the audio obtained by conversion, and inputting audio of a called side to said audio/data conversion means.

12. (Currently amended) The wireless communication terminal according to ~~claims 9 to 11~~ claim 9, wherein:

said receiving means is a pager system terminal; and, in addition,

said wireless communication means is a network adapter for a wireless LAN, WAN, or PAN, or is an ITS (Intelligent Transport System) terminal device.

13. (Canceled)

14. (New) A wireless communication method according to claim 1, in which said calling step of using the wide-area wireless communication system to call receiving means in a wireless communication terminal is in a power-off state of the called side;

which method further comprises a switching on or a changing the state step of the wireless communication means to perform transmission, after the calling notifying step of notifying; and

a switching off step or a changing the state step of the wireless communication means, after the disconnecting step.